



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Hisao Hayashi

Serial No.: 09/492,521

Group Art Unit: 2626

Filed: January 27, 2000

Examiner: Negussie Worku

For: COMPACT IMAGE SCANNER CAPABLE OF READING BOTH A LIGHT-REFLECTING ARTICLE AND A LIGHT-TRANSMITTING ARTICLE

Honorable Commissioner of Patents
Alexandria, VA 22313 - 1450

RECEIVED

MAY 24 2004

Technology Center 2600

APPLICANT'S INTERVIEW SUMMARY

Applicant appreciates the courtesies extended to Applicant's representative during a personal interview on May 20, 2004.

During the personal interview:

1. No exhibit was shown and no demonstration was conducted.
2. Independent claim 1 was discussed.
3. The Umemoto et al. reference was discussed.
4. The Request for Reconsideration that was filed on April 12, 2004 discussed.
5. During the personal interview, the Applicant's representative explained that the present invention provides an image scanner including a conveyor, a first light source, a second light source, an image information reader and a light source switching controller. The conveyor conveys a manuscript including image information to be read at a predetermined reading position (e.g., and as further exemplarily defined by new dependent claim 24, a predetermined stationary reading position) of a conveying route. The first light is located on one side of the conveying route and the second light is located on the other side of the conveying route. The image information reader reads the image information in the

#14
5.27.04

manuscript at the predetermined stationary reading position. The light source switching controller controls switching between the first and second light sources to read the image information in the manuscript. The light source switching controller renders the first light on when the image information is defined by transmitting light through the manuscript and renders the second light on when the image information is defined by light reflected from the manuscript.

Applicant's representative further illustrated that none of the applied reference teaches or suggests: 1) a first light which emits light onto a predetermined reading position; 2) a second light which emits light onto the same predetermined reading position but from an opposite side; 3) a light source switching control means which renders the first light on when the image is defined by light transmitting through the manuscript and which renders the second light on when the image information is defined by reflected light; and 4) an image defined by transmitted light or reflected light.

These features are important for providing a compact and elegantly simple design. The compact design of the present invention is also able to provide for both reflection and transmission type scanning.

6. No other pertinent matters were discussed.

7. Results of the Interview:

The Examiners agreed to withdraw the rejection of claim 1.

Should the Examiner find the Application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

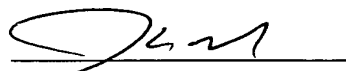
09/492,521
DOCKET NO. KN-43-US

3

The Commissioner is hereby authorized to charge any deficiency in fees or to credit any overpayment in fees to Attorney's Deposit Account No. 50-0481.

Respectfully Submitted,

Date: 5/21/04


James E. Howard
Registration No. 39,715

McGinn & Gibb, PLLC
8321 Old Courthouse Rd., Suite 200
Vienna, Virginia 22182
(703) 761-4100
Customer No. 21254